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May 25,1998 New version on H8/3048F
September18,2005 Change to H8/3694F
October 1,2005 Delete most of function such as SW check
October 22,2005

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*****/

```
/* ----< Definition > ----- */
// time data display mode
#define TIM_FULL 0 // display hours
#define TIM_MIN 1 // display only minuts and lowers
#define TIM_DEL 2 // delete mark
// switch interface
#define SW1_MODE IO.PDRB.BIT.B2
#define SW2_ENTR IO.PDRB.BIT.B1
//
#define MODESW 0
#define ENTRSW 1
// switch condition
#define ALLSWOFF 0xff
#define SWOFF 1
#define SWON 0
#define OFF 0
#define ON 1
#define DR_ON 0
#define DR_OFF 1
// 7 segments LED
#define L7SEG_N01 IO.PDR8.BIT.B0
#define L7SEG_N02 IO.PDR8.BIT.B1
#define L7SEG_N03 IO.PDR1.BIT.B0
#define L7SEG_N04 IO.PDR8.BIT.B3
#define L7SEG_N05 IO.PDR8.BIT.B4
#define L7SEG_N06 IO.PDR5.BIT.B4
#define L7SEG_PO IO.PDR1.BYTE // P14,15,16,17
#define L7SEG_P1 IO.PDR5.BYTE // P50,51,52,53
#define L7SEG_DOT IO.PDR5.BIT.B0 // Dot data
// LED
#define OUT_LED1 IO.PDR8.BIT.B6
#define LED_MODE IO.PDR8.BIT.B6
#define OUT_LED2 IO.PDR1.BIT.B2
#define LED_IR_DET IO.PDR1.BIT.B2 // LED port for InfraRed detection indicator
// Buzzer port
#define BUZZER IO.PDR8.BIT.B7
// Ready flag
#define REQUEST 0x80
#define READY 0x10
#define NOT_RDY 0
//
// #define BZ4LAP 6
#define BZ4LAP 10
// #define SCRNSIZ 4 // number of lapdata on LCD
#define SCRNSIZ BZ4LAP // number of lapdata on LED (Only one on LED!)
```

```
#define TIM_MAX_DT    4319999      // 23h59m59s99
#define TIM_MAX_TR_MASK 0x2ffff // 1h00m00s00
#define TIM_MIN_DT    15000       // 00h00m30s00
#define TIM_EMPTY     0           // 00h00m00s00
#define NOTDATA       0xff

// ----- MODE TYPE -----
#define M_NORML       0x00        // Display normal lap time count
#define M_INTRO       0x10        // Just after power on
#define M_NODSP       0x20        // Display EEPROM next save ID
#define M_HOLDL       0x30        // Stay static display of laped data
#define M_HISTL       0x40        // Show history of lapdata
#define M_DELET       0x50        // Delete EEPROM lapdata
#define M_Y_DLT       0x60        // Delete EEPROM lapdata // Make sure

// Constant values and Conditions
#define DOOMSDAY      0           // Not here yet!
```